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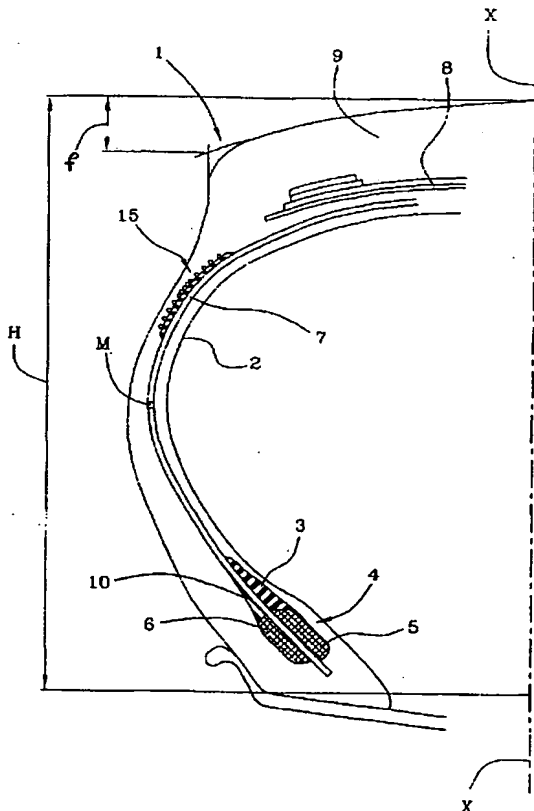
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(54) Title: PNEUMATIC TYRE WITH SIDEWALL REINFORCEMENT



(57) Abstract: A pneumatic tyre for vehicle wheels having a size ratio f/H less than 0.2, comprising a toroidal carcass with a central crown portion and two axially opposite sidewalls terminating with a pair of beads for anchoring of the tyre (1) to a corresponding mounting rim, each bead comprising at least one annular reinforcing core, a tread band (9) placed crownwise, coaxially extending around said carcass and provided with a raised pattern for rolling contact with the ground, and a belt structure (8) coaxially interposed between said carcass and tread band (9), said carcass comprising at least one carcass ply (7), having a continuous right-section profile, the ends of said ply extending in a radially external direction not beyond half the radial height of said annular reinforcing elements, wherein said tyre (1) comprises at least one reinforcing layer (15) associated with said carcass, at a radially external position relative to a point (M) of maximum axial width of said carcass and at a position axially external to said belt structure (8).

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